

Abstract  
FILM RESTORATION SYSTEM

A method of scanning frames of cinematographic  
5 film to generate digital values of pixels constituting  
images on the film frames is provided in which pixels  
corresponding to defects on the film are identified  
and the values of such pixels are adjusted to  
compensate for the defects, the identification of the  
10 pixels corresponding to defects on the film being  
carried out by identifying pixels whose value is  
beyond a predetermined threshold.

A method of correcting for flicker in digital  
images obtained by scanning cinematographic film is  
15 also provided. This method comprises the steps of  
identifying frames in which flicker is present;  
identifying relatively bright regions in those frames  
whose brightness is above a predetermined level, and  
correcting digital pixels in those relatively bright  
20 regions so as to compensate for the effect of flicker.